

Application Serial
No. 10/700,124

REMARKS

Independent claim 1 is directed to the use of the receiver of a translator to pre-correct the transmitter of the translator for distortion caused by the power amplifier and/or mask filter of the transmitter.

Seo does not relate to a translator and, therefore, cannot teach the use of the receiver of a translator to pre-correct the transmitter of the translator for distortion caused by the power amplifier and/or mask filter of the transmitter.

Twitchell shows a studio to transmitter link between a studio and a TV receiver. The studio to transmitter link has an STL receiver/demodulator, a demux, a switch, an exciter 16, and a transmitter 18. However, Twitchell also does not teach the use of the STL receiver/demodulator to pre-correct the transmitter 18 for distortion caused by the power amplifier and/or filter 20, 22, and/or 24 of the transmitter 18.

Therefore, because neither Seo nor Twitchell discloses the use of the receiver of a translator to pre-correct the transmitter of the translator for distortion caused by the power amplifier and/or mask filter of the

Application Serial
No. 10/700,124

transmitter, independent claim 1 is patentable over the
combination of Seo and Twitchell.

Application Serial
No. 10/700,124

CONCLUSION

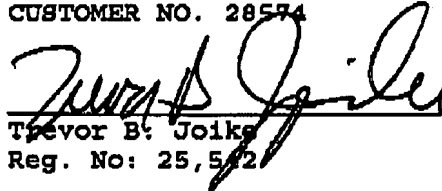
In view of the above, it is clear that the claims of the present application are patentable over the art applied by the Examiner. Accordingly, allowance of these claims and issuance of the above captioned patent application are respectfully requested.

The Commissioner is hereby authorized to charge any additional fees that may be required, or to credit any overpayment, to account No. 260175.

Respectfully submitted,

SCHIFF HARDIN LLP
6600 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606-6402
(312) 258-5774
CUSTOMER NO. 28574

By:


Trevor B. Joike
Reg. No: 25,572

September 18, 2007